

Work Order ID 71583

Wednesday, July 06, 2011 1:25:10 PM



Page 1

Item ID: D3405-041	Accept		Setup	Start	
Revision ID:				Stop	
Item Name: Lug Assembly					
Start Date: 7/6/2011	Start Qty: 8.00		Cust Item ID:		
Required Date: 7/20/2011	Req'd Qty: 8.00		Customer:		
Reference:					

Approvals:	Process Plan: <u>CZ</u>	Date: <u>11/07/06</u>	Tooling:	Date:	Run	Start	
	QC:	Date:	SPC (Y/N):	Date:		Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3405	Rev B								
100	FLOW WATER JET	0.00							
	Waterjet	0.00							
FLOW CNC Waterjet	Memo								
304.128	1-Cut as per Dwg D3405								
	Dwg Rev: <u>B</u>								
	Prog Rev: <u>B</u>								
	2-Deburr if necessary								
110	QC2- Inspect parts off machine FAI/FAIB	0.00							
	QC	0.00							
Quality Control	Memo								
120	QC8- Inspect parts - second check	0.00							
	QC	0.00							
Quality Control	Memo								

B11-7-13

9

B11-7-13

89

5/10/13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

1. The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved.

2. The second step is to analyze the problem. This involves breaking the problem down into smaller parts and identifying the causes.

3. The third step is to develop a plan. This involves deciding on the best way to solve the problem and setting goals.

4. The fourth step is to implement the plan. This involves putting the plan into action and making changes as needed.

5. The fifth step is to evaluate the results. This involves checking to see if the problem has been solved and if the goals have been met.

Page 2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

1. **Identify the problem.** The first step in the problem-solving process is to identify the problem. This involves recognizing the symptoms of the problem and determining the underlying cause.

2. **Analyze the problem.** Once the problem has been identified, the next step is to analyze it. This involves gathering information about the problem and determining the scope of the problem.

3. **Generate solutions.** The third step in the problem-solving process is to generate solutions. This involves brainstorming ideas and evaluating the potential of each solution.

4. **Implement the solution.** Once a solution has been chosen, the next step is to implement it. This involves putting the solution into action and monitoring the results.

5. **Evaluate the results.** The final step in the problem-solving process is to evaluate the results. This involves determining whether the solution has been effective and whether the problem has been resolved.

1. **NAME** _____
 2. **ADDRESS** _____
 3. **CITY** _____
 4. **STATE** _____
 5. **ZIP** _____
 6. **PHONE** _____
 7. **E-MAIL** _____
 8. **DATE** _____
 9. **SIGNATURE** _____
 10. **PRINT NAME** _____
 11. **PRINT ADDRESS** _____
 12. **PRINT CITY** _____
 13. **PRINT STATE** _____
 14. **PRINT ZIP** _____
 15. **PRINT PHONE** _____
 16. **PRINT E-MAIL** _____
 17. **PRINT DATE** _____
 18. **PRINT SIGNATURE** _____
 19. **PRINT NAME** _____
 20. **PRINT ADDRESS** _____
 21. **PRINT CITY** _____
 22. **PRINT STATE** _____
 23. **PRINT ZIP** _____
 24. **PRINT PHONE** _____
 25. **PRINT E-MAIL** _____
 26. **PRINT DATE** _____
 27. **PRINT SIGNATURE** _____
 28. **PRINT NAME** _____
 29. **PRINT ADDRESS** _____
 30. **PRINT CITY** _____
 31. **PRINT STATE** _____
 32. **PRINT ZIP** _____
 33. **PRINT PHONE** _____
 34. **PRINT E-MAIL** _____
 35. **PRINT DATE** _____
 36. **PRINT SIGNATURE** _____
 37. **PRINT NAME** _____
 38. **PRINT ADDRESS** _____
 39. **PRINT CITY** _____
 40. **PRINT STATE** _____
 41. **PRINT ZIP** _____
 42. **PRINT PHONE** _____
 43. **PRINT E-MAIL** _____
 44. **PRINT DATE** _____
 45. **PRINT SIGNATURE** _____
 46. **PRINT NAME** _____
 47. **PRINT ADDRESS** _____
 48. **PRINT CITY** _____
 49. **PRINT STATE** _____
 50. **PRINT ZIP** _____
 51. **PRINT PHONE** _____
 52. **PRINT E-MAIL** _____
 53. **PRINT DATE** _____
 54. **PRINT SIGNATURE** _____
 55. **PRINT NAME** _____
 56. **PRINT ADDRESS** _____
 57. **PRINT CITY** _____
 58. **PRINT STATE** _____
 59. **PRINT ZIP** _____
 60. **PRINT PHONE** _____
 61. **PRINT E-MAIL** _____
 62. **PRINT DATE** _____
 63. **PRINT SIGNATURE** _____
 64. **PRINT NAME** _____
 65. **PRINT ADDRESS** _____
 66. **PRINT CITY** _____
 67. **PRINT STATE** _____
 68. **PRINT ZIP** _____
 69. **PRINT PHONE** _____
 70. **PRINT E-MAIL** _____
 71. **PRINT DATE** _____
 72. **PRINT SIGNATURE** _____
 73. **PRINT NAME** _____
 74. **PRINT ADDRESS** _____
 75. **PRINT CITY** _____
 76. **PRINT STATE** _____
 77. **PRINT ZIP** _____
 78. **PRINT PHONE** _____
 79. **PRINT E-MAIL** _____
 80. **PRINT DATE** _____
 81. **PRINT SIGNATURE** _____
 82. **PRINT NAME** _____
 83. **PRINT ADDRESS** _____
 84. **PRINT CITY** _____
 85. **PRINT STATE** _____
 86. **PRINT ZIP** _____
 87. **PRINT PHONE** _____
 88. **PRINT E-MAIL** _____
 89. **PRINT DATE** _____
 90. **PRINT SIGNATURE** _____
 91. **PRINT NAME** _____
 92. **PRINT ADDRESS** _____
 93. **PRINT CITY** _____
 94. **PRINT STATE** _____
 95. **PRINT ZIP** _____
 96. **PRINT PHONE** _____
 97. **PRINT E-MAIL** _____
 98. **PRINT DATE** _____
 99. **PRINT SIGNATURE** _____
 100. **PRINT NAME** _____
 101. **PRINT ADDRESS** _____
 102. **PRINT CITY** _____
 103. **PRINT STATE** _____
 104. **PRINT ZIP** _____
 105. **PRINT PHONE** _____
 106. **PRINT E-MAIL** _____
 107. **PRINT DATE** _____
 108. **PRINT SIGNATURE** _____
 109. **PRINT NAME** _____
 110. **PRINT ADDRESS** _____
 111. **PRINT CITY** _____
 112. **PRINT STATE** _____
 113. **PRINT ZIP** _____
 114. **PRINT PHONE** _____
 115. **PRINT E-MAIL** _____
 116. **PRINT DATE** _____
 117. **PRINT SIGNATURE** _____
 118. **PRINT NAME** _____
 119. **PRINT ADDRESS** _____
 120. **PRINT CITY** _____
 121. **PRINT STATE** _____
 122. **PRINT ZIP** _____
 123. **PRINT PHONE** _____
 124. **PRINT E-MAIL** _____
 125. **PRINT DATE** _____
 126. **PRINT SIGNATURE** _____
 127. **PRINT NAME** _____
 128. **PRINT ADDRESS** _____
 129. **PRINT CITY** _____
 130. **PRINT STATE** _____
 131. **PRINT ZIP** _____
 132. **PRINT PHONE** _____
 133. **PRINT E-MAIL** _____
 134. **PRINT DATE** _____
 135. **PRINT SIGNATURE** _____
 136. **PRINT NAME** _____
 137. **PRINT ADDRESS** _____
 138. **PRINT CITY** _____
 139. **PRINT STATE** _____
 140. **PRINT ZIP** _____
 141. **PRINT PHONE** _____
 142. **PRINT E-MAIL** _____
 143. **PRINT DATE** _____
 144. **PRINT SIGNATURE** _____
 145. **PRINT NAME** _____
 146. **PRINT ADDRESS** _____
 147. **PRINT CITY** _____
 148. **PRINT STATE** _____
 149. **PRINT ZIP** _____
 150. **PRINT PHONE** _____
 151. **PRINT E-MAIL** _____
 152. **PRINT DATE** _____
 153. **PRINT SIGNATURE** _____
 154. **PRINT NAME** _____
 155. **PRINT ADDRESS** _____
 156. **PRINT CITY** _____
 157. **PRINT STATE** _____
 158. **PRINT ZIP** _____
 159. **PRINT PHONE** _____
 160. **PRINT E-MAIL** _____
 161. **PRINT DATE** _____
 162. **PRINT SIGNATURE** _____
 163. **PRINT NAME** _____
 164. **PRINT ADDRESS** _____
 165. **PRINT CITY** _____
 166. **PRINT STATE** _____
 167. **PRINT ZIP** _____
 168. **PRINT PHONE** _____
 169. **PRINT E-MAIL** _____
 170. **PRINT DATE** _____
 171. **PRINT SIGNATURE** _____
 172. **PRINT NAME** _____
 173. **PRINT ADDRESS** _____
 174. **PRINT CITY** _____
 175. **PRINT STATE** _____
 176. **PRINT ZIP** _____
 177. **PRINT PHONE** _____
 178. **PRINT E-MAIL** _____
 179. **PRINT DATE** _____
 180. **PRINT SIGNATURE** _____
 181. **PRINT NAME** _____
 182. **PRINT ADDRESS** _____
 183. **PRINT CITY** _____
 184. **PRINT STATE** _____
 185. **PRINT ZIP** _____
 186. **PRINT PHONE** _____
 187. **PRINT E-MAIL** _____
 188. **PRINT DATE** _____
 189. **PRINT SIGNATURE** _____
 190. **PRINT NAME** _____
 191. **PRINT ADDRESS** _____
 192. **PRINT CITY** _____
 193. **PRINT STATE** _____
 194. **PRINT ZIP** _____
 195. **PRINT PHONE** _____
 196. **PRINT E-MAIL** _____
 197. **PRINT DATE** _____
 198. **PRINT SIGNATURE** _____
 199. **PRINT NAME** _____
 200. **PRINT ADDRESS** _____
 201. **PRINT CITY** _____
 202. **PRINT STATE** _____
 203. **PRINT ZIP** _____
 204. **PRINT PHONE** _____
 205. **PRINT E-MAIL** _____
 206. **PRINT DATE** _____
 207. **PRINT SIGNATURE** _____
 208. **PRINT NAME** _____
 209. **PRINT ADDRESS** _____
 210. **PRINT CITY** _____
 211. **PRINT STATE** _____
 212. **PRINT ZIP** _____
 213. **PRINT PHONE** _____
 214. **PRINT E-MAIL** _____
 215. **PRINT DATE** _____
 216. **PRINT SIGNATURE** _____
 217. **PRINT NAME** _____
 218. **PRINT ADDRESS** _____<

[illegible]**Cust Item ID:**

1. ☐ I am a member of the following organization:
 2. ☐ I am a member of the following organization:
 3. ☐ I am a member of the following organization:
 4. ☐ I am a member of the following organization:
 5. ☐ I am a member of the following organization:
 6. ☐ I am a member of the following organization:
 7. ☐ I am a member of the following organization:
 8. ☐ I am a member of the following organization:
 9. ☐ I am a member of the following organization:
 10. ☐ I am a member of the following organization:

Customer:

Run Start

Stop

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

[illegible]

**Insp.
Stamp**

0.00

Abstract

NC BRAKE

0.00

Brake NC

Memo

- 1-Debur
- 2-Form using DT8204 as per Dwg D3405
- 3- use DT9681 to check if correct forming

SB 11/07/14

Pho \rightarrow

0.00

© 2006 The Authors
Journal compilation © 2006 Blackwell Publishing Ltd

QC5- Inspect part completeness to step on W/O

0.00

QC

Memo

Quality Control

0.00

150

...the ...

Large Fab

0.00

Large Fab

Memo

Weld as per Dwg D3405 use DT8484
Identify as D3405-041

Large Fab

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: D3405241 PAR #: _____ Fault Category: Small FAB NCR: Yes No DQA: ✓ Date: 11/07/20
 11-783 Resolution: SCRAP Disposition: SCRAP QA: N/C Closed: ✓ Date: 11-07-20

NCR: <u>71583</u>		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
<u>11/2/14</u>	<u>#130</u> <u>130</u>	two Qty +2 parts SCRAP at Bending P.C. operator came back from Lunch and forgot that	<u>[Signature]</u> <u>04/11/14</u>	-2 SCRAP + Destroy no Reuse Qty +2	<u>SB</u> <u>11/02/14</u>	<u>[Signature]</u> <u>11/02/14</u>	<u>[Signature]</u> <u>04/11/14</u>	<u>[Signature]</u> <u>11/2/14</u>
		there was a part in the die and put another part inside lack of attention						<u>[Signature]</u> <u>11/2/14</u>

NOTE: Date & initial all entries

Work Order ID 71583

Wednesday, July 06, 2011 1:25:10 PM



Page 3

Item ID: D3405-041	Accept		Setup	Start	
Revision ID:				Stop	
Item Name: Lug Assembly					
Start Date: 7/6/2011	Start Qty: 8.00		Cust Item ID:		
Required Date: 7/20/2011	Req'd Qty: 8.00		Customer:		
Reference:					

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	
	QC:	Date:	SPC (Y/N):	Date:		Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160 QC Quality Control	QC9- Inspect visual per QSI004- Fusion Welds Memo	0.00 0.00		<i>Pl 11.07.19</i>					
170 QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.00		<i>8 ul 07/19</i>				<i>(7)</i>	
180 Powdercoat Powder Coating	White Gloss(Ref:4.3.5.2) per QSI005 4.3-Steel <i>M 117745</i> Memo START TIME: <i>1:15</i> OVEN TEMPERATURE: <i>1100°</i> FINISH TIME: <i>1:45</i>	0.00 0.00						<i>7. φ BL 11-7-19</i>	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 71583

Wednesday, July 06, 2011 1:25:10 PM



Page 4

Item ID: D3405-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Lug Assembly

Start Date: 7/6/2011 Start Qty: 8.00



Cust Item ID:

Required Date: 7/20/2011 Req'd Qty: 8.00

Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

190

QC3- Inspect Part Finish

0.00



QC

Memo

0.00

Quality Control

PC 4/7/20 (7)

200

Identify as per dwg & Stock Location: *478*

0.00



Packaging

Memo

0.00

Packaging

PC 4/2/20 (7)

210

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/7/20 JF
ME
11-0720

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date, & initial all entries

Picklist Print

Wednesday, July 06, 2011 1:25:08 PM

Page 1

Work Order ID: 71583

Parent Item: D3405-041

Parent Item Name: Lug Assembly



Start Date: 7/6/2011

Required Date: 7/20/2011

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP A ☐ 05.09.01 ☐ New issue ☐ KJ/JLM ☐
IPP B 09.01.28 rev.B drawing EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3404-1		Manufactured	No			100	Each	11.0000	1	8			

GHW Lug

70664 x 7

Location	Loc Qty	Loc Code
WA	8	
69883	8	
WA030	3	
67127	3	

Not in my stock.

M304S11GA

Purchased

No

150

sf

102.0000

0.154

1.296842

1.5



304/316 0.125 Sheet

Location	Loc Qty	Loc Code
MAT020	102	
117494	102	

117494

9

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

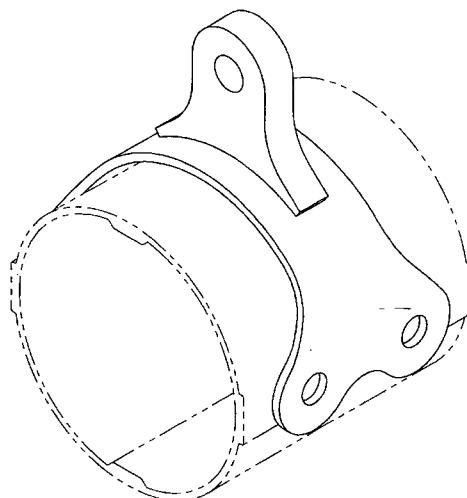
NOTE: Date, & initial all entries

ITEM No.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION
1	X		D3405-041	LUG ASSEMBLY
2		X	D3405-043	LUG ASSEMBLY
11	1	1	D3404-1	GHW LUG
12	1		D3405-1	GHW BRACKET
13		1	D3405-3	GHW BRACKET

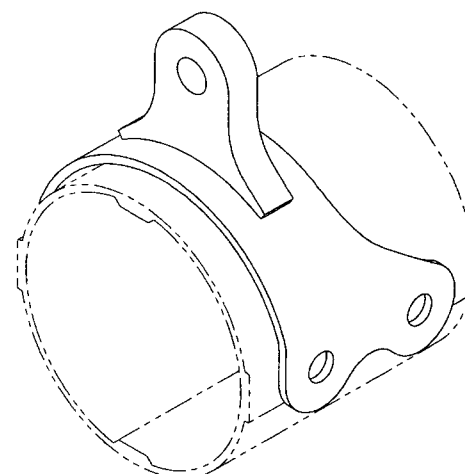
△B

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 71583

CZ11/07/06



D3405-041 LUG ASSEMBLY
(SKID TUBE SECTION SHOWN
FOR REF ONLY)



D3405-043 LUG ASSEMBLY
(SKID TUBE SECTION SHOWN
FOR REF ONLY)

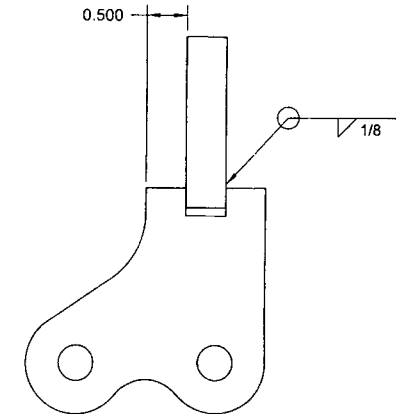
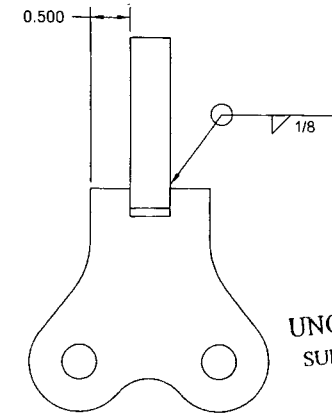
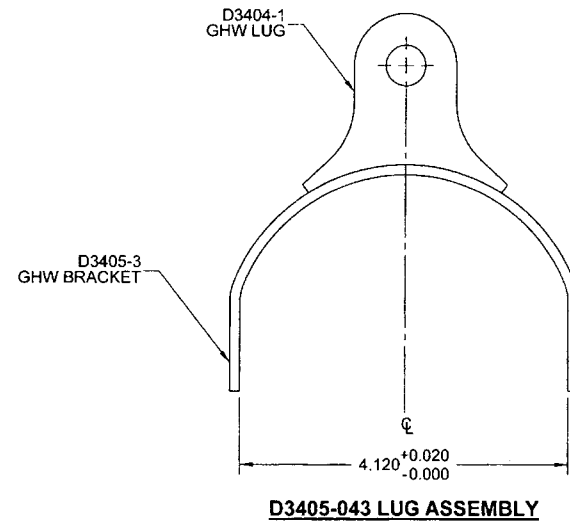
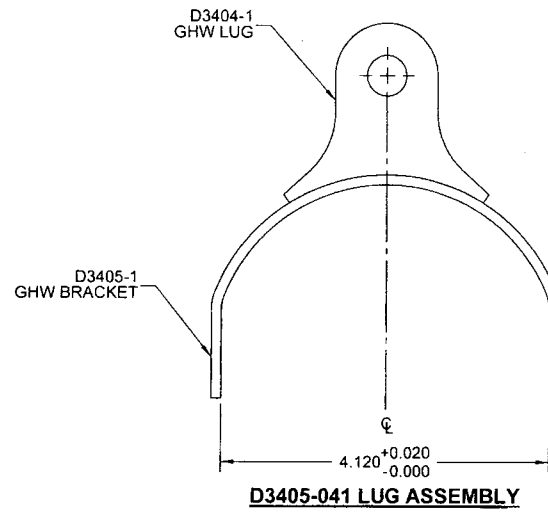
RELEASED
08/12/18

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT ASSEMBLY WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3405-041" USING FINE POINT PERMANENT INK MARKER
: IDENTIFY WITH DART P/N "D3405-043" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: -041, 0.85 lbs
-043, 0.87 lbs

B	DRAWING REDRAWN IN SOLIDWORKS WITH CURRENT STANDARDS AND TRANSFERRED TO "B" SIZE BORDER. FLAT PATTERNS FOR -1 & -3 INCREASED IN LENGTH TO PREVENT FOULING AT INSTL (SEE PART 198). SHEETS 3 & 4 ZONE A6 4.120 DIM WAS 4.100.		AJS	08.09.19
A	NEW ISSUE		PH	05.03.08
REV.	DESCRIPTION		BY	DATE
DESIGN	PH	DART AEROSPACE LTD		
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA		
CHECKED		DRAWING NO.	REV. B	
MFG. APPR.		D3405	SHEET 1 OF 4	
APPROVED		TITLE	SCALE	
DE APPR.		GHW LUG ASSEMBLY	NTS	
DATE	08.09.19			
COPYRIGHT © 2005 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD				

D
C
B
A



SHOE COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 71583

RELEASED
6/12/18 MP

DESIGN	PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	AJS	
CHECKED		DRAWING NO. D3405
MFG. APPR.		TITLE GHW LUG ASSEMBLY
APPROVED		DATE 08.09.19
DE APPR.		
DATE		<small>COPYRIGHT © 2005 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT PERMISSION FROM DART AEROSPACE LTD</small>

8

7

6

5

4

3

2

8

7

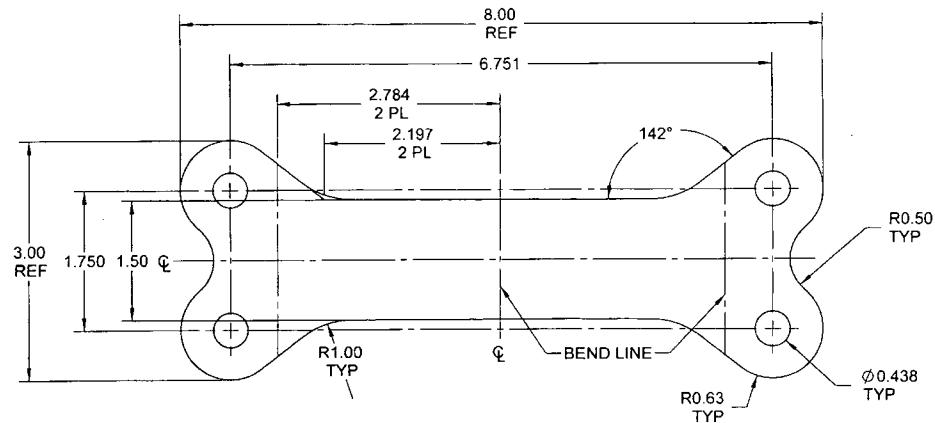
6

5

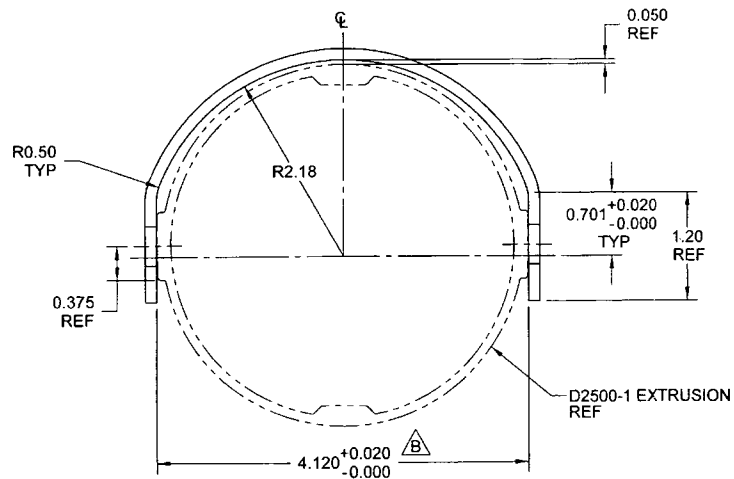
4

3

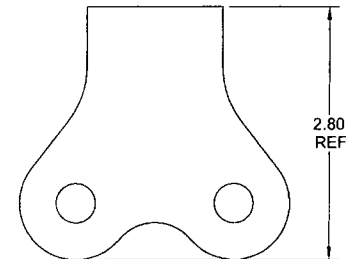
2



D3405-1F GHW BRACKET FLAT PATTERN



D3405-1 GHW BRACKET
(MAKE FROM D3405-1F)



SIDE VIEW FOR REF ONLY

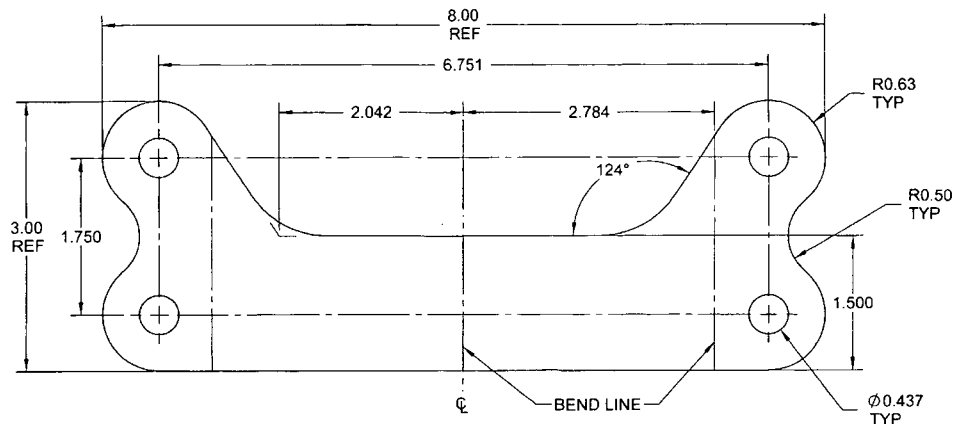
SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 71583

RELEASED
07/08/12/13

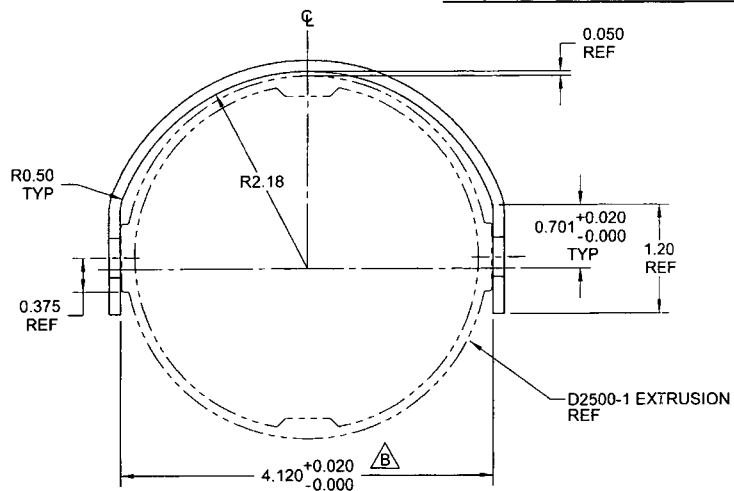
NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, 11 GAUGE (0.125 THICK)
PER MIL-S-5059 (ANNEALED) 2B FINISH OR AMS 5513/5524
REF. DART SPEC. M304S11GA
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

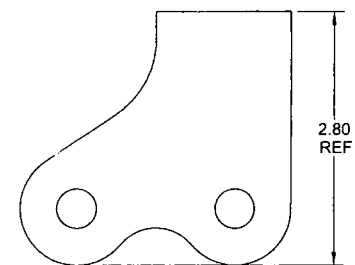
DESIGN	PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3405	SHEET 3 OF 4
APPROVED		TITLE	SCALE
DE APPR.		GHW LUG ASSEMBLY	NTS
DATE	08.09.19	COPYRIGHT © 2005 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR FOR REPRODUCTION TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



D3405-3F GHW BRACKET FLAT PATTERN



D3405-3 GHW BRACKET
(MAKE FROM D3405-3F)



SIDE VIEW FOR REF ONLY



SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 71583

NO. 71583

RELEASED
06/12/14

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, 11 GAUGE (0.125 THICK)
PER MIL-S-5059 (ANNEALED) 2B FINISH OR AMS 5513/5524
REF. DART SPEC. M304S11GA
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

DESIGN	PH	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3405	SHEET 4 OF 4
APPROVED		TITLE	SCALE
DE APPR.		GHW LUG ASSEMBLY	NTS
DATE	08.09.19	COPYRIGHT © 2005 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			